

WELL DRILLER'S REPORT

State of Utah

Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

Exchange Application: E4803 (35-12099)

WIN: 441992

Owner

Note any changes

Powder Mountain Water & Sewer Improvement Dist.
P.O. Box 270
Eden UT 84310

Contact Person/Engineer:

Mark Chandler 801-556-1765

Well Location

Note any changes

S 2720 W 1145 from the NE corner of section 01, Township 7N, Range 1E, SL B&M

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

Drillers Activity

Start Date August 14, 2018

Completion Date: June 14, 2019

Check all that apply: ☒ New ☐ Repair ☐ Deepen ☐ Clean ☒ Replace ☐ Public Nature of Use:

If a replacement well, provide location of new well. _____ feet north/south and _____ feet east/west of the existing well.

DEPTH (feet) FROM	TO	BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	8	70"	Reverse Rotary	Bentonite
8	20	58"	"	"
20	40	40"	"	"
40	200	30"	"	"

Well Log

DEPTH (feet) FROM	TO	W A T E R	P E R M E A B L E	UNCONSOLIDATED						ROCK TYPE	COLOR	DESCRIPTION AND REMARKS (e.g., relative %, grain size, sorting, angularity, bedding, grain composition density, plasticity, shape, cementation, consistency, water bearing, odor, fracturing, mineralogy, texture, degree of weathering, hardness, water quality, etc.)
				C S L I M Y	S A N D	G R A V E L	C O B B L E S	O T H E R	CON S O L I D A T E D			
0	90							✓		Crushed rock	Black	
90	95					✓				Coarse	Mud	
95	200							✓		Crushed rock	Black	
200	270					✓		✓		Coarse rock w/ sand	Blk/Gray	
270	300					✓		✓		Rock crushing	Brown Black	
300	330					✓				Crushed rock	Gray Black	
330	360									Crushed	Gray	Limestone
360	380					✓				Some Sand	Gray	
380	540					✓				Gravel	Gray Black	
540	590					✓		✓			Black	

Static Water Level

Date 6-12-19 Water Level 254 feet Flowing? ☐ Yes ☒ No
Method of Water Level Measurement Electric Sounding Flowing, Capped Pressure N/A PSI
Point to Which Water Level Measurement was Referenced Ground level Elevation
Height of Water Level reference point above ground surface 0 feet Temperature 56 degrees ☐ C ☒ F

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JUL 15 2019

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Well Log

Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		<input checked="" type="checkbox"/> SCREEN	<input type="checkbox"/> PERFORATIONS	<input type="checkbox"/> OPEN BOTTOM
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SCREEN SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	8	Conductor	.312	60"	700	1100	55wire	Wrap 12"	.80
0	20	Conductor	.312	48"					
0	40	Conductor	.312	36"					
0	200	Conductor	.312	20"					
0	697	Casing	.312	12 3/4"					

Well Head Configuration: 3 ft Stick upAccess Port Provided? ☒ Yes ☐ NoCasing Joint Type: ButtPerforator Used: N/AWas a Surface Seal Installed? ☒ Yes ☐ NoDepth of Surface Seal: 200 feetDrive Shoe? ☐ Yes ☒ NoSurface Seal Material Placement Method: pumped w/ TrimieWas a temporary surface casing used? ☐ Yes ☒ No If yes, depth of casing: _____ feet diameter: _____ inches

DEPTH (feet)		SURFACE SEAL / INTERVAL SEAL / FILTER PACK / PACKER INFORMATION		
FROM	TO	SEAL MATERIAL, FILTER PACK and PACKER TYPE and DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	1120	Gravel Pack		
0	200	Surface Seal	20 cu yd	12 sk Grout

Well Development and Well Yield Test Information

DATE	METHOD	YIELD	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
6-12-19	Step test	30	X		150'	2.5

Pump (Permanent)

Pump Description: _____ Horsepower: _____ Pump Intake Depth: _____ feet

Approximate Maximum Pumping Rate: _____ Well Disinfected upon Completion? ☐ Yes ☐ No**Comments**

Description of construction activity, additional materials used, problems encountered, extraordinary Circumstances, abandonment procedures. Use additional well data form for more space.

Well Driller Statement

This well was drilled and constructed under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name ZIM INDUSTRIES INC

(Person, Firm, or Corporation Print or Type)

License No. 697

Signature _____

(Licensed Well Driller)

Date _____

State of Utah Division of Water Rights

Well Identification

Owner

Powder Mountain Water & Sewer Improvement Dist.
P.O. Box 270
Eden UT 84310

Well Location

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

[illegible]

Construction Information (con't)	
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[illegible][illegible]

Comments (con't)	
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Well Driller Statement	This well was drilled and constructed under my supervision, according to applicable rules and regulations.
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Name ZIM INDUSTRIES INC

License No. 697

Date 7-11-79